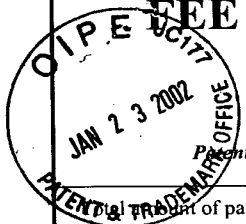


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PTO/SB/17 (11-00)
Approved for use through 10/31/2002. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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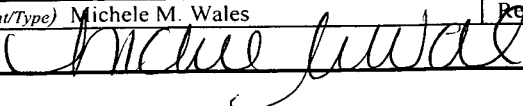
<div style="float: left; width: 150px; text-align: center;">  </div> <div style="float: right; width: 850px;"> <h2 style="margin: 0;">FEE TRANSMITTAL</h2> <h3 style="margin: 0;">for FY 2002</h3> <p style="margin: 0;">(Substitute form)</p> <p style="margin: 0; font-size: small;">Patent fees are subject to annual revision.</p> </div> <div style="clear: both;"></div>		<p>Complete if Known</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Application Number</td><td>10/023,584</td></tr> <tr><td>Filing Date</td><td>December 21, 2001</td></tr> <tr><td>First Named Inventor</td><td>Rosen et al.</td></tr> <tr><td>Examiner Name</td><td>Unassigned</td></tr> <tr><td>Group Art Unit</td><td>Unassigned</td></tr> <tr><td>Attorney Docket Number</td><td>PF112P1D2</td></tr> </table>		Application Number	10/023,584	Filing Date	December 21, 2001	First Named Inventor	Rosen et al.	Examiner Name	Unassigned	Group Art Unit	Unassigned	Attorney Docket Number	PF112P1D2
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METHOD OF PAYMENT						FEE CALCULATION (continued)																																																																																																																																																																										
<p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:</p> <p>Deposit Account Number 08-3425</p> <p>Deposit Account Name Human Genome Sciences, Inc.</p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17</p> <p><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p> <p>2. <input type="checkbox"/> Payment Enclosed: <input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other*</p>						<p>3. 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Submitted By		Complete (if applicable)	
Name (Print/Type) Michele M. Wales	Registration No.: 43,975	Telephone	301-610-5772
Signature: 		Date:	01/23/02